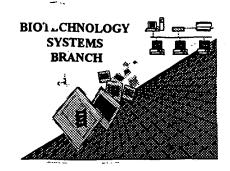
RAW SEQUENCE LISTING ERROR REPORT



4.1%、44.4、小型量感频中激和原标准。1997年1

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

| Application Serial Number: | 09/903,1 | 7/ |
|----------------------------|----------|-------|
| Source: | OIRE | |
| Date Processed by STIC: | 9/26 | 12001 |

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216. PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax) PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address: http://www.uspto.gov/web/offices/pac/checker

| ERROR DETECTED | SUGGESTED CORRECTION SERIAL NUMBER: 09/903/11 |
|-------------------------------------|---|
| ATTN: NEW RULES CASE | S: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE |
| 1Wrapped Nucleics Wrapped Aminos | The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping." |
| 2Invalid Line Length | The rules require that a line not exceed 72 characters in length. This includes white spaces. |
| 3Misaligned Amino Numbering | The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead. |
| 4Non-ASCII | The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text. |
| 5Variable Length | Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a stagle residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing. |
| 6PatentIn 2.0 "bug" | A "bug" in PatentIn version 2.0 has caused fire <220>-<223> section to be missing from amino acid sequences(s) Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences. |
| 7Skipped Sequences (OLD RULES) | Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped |
| •. | Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences. |
| 8Skipped Sequences (NEW RULES) | Sequence(s) missing. If Intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000 |
| Use of n's or Xaa's (NEW RULES) | Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents. |
| 0Invalid <213> Response | Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence |
| 1Use of <220> | Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules) |
| 2PatentIn 2.0 "bug" | Please do not use "Copy to Disk" function of Patentin version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk. |
| 3Misuse of n | n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide. |

AMC/MH - Biotechnology Systems Branch - 08/21/2001

Does Not Comply

DATE: 07/25/2001

OIPE

```
PATENT APPLICATION: US/09/903,171
                                                              TIME: 15:57:37
                     Input Set : A:\seqlist.txt
                                                                          Corrected Diskette Needed
                     Output Set: N:\CRF3\07252001\I903171.raw
                     SEQUENCE LISTING
      5 (1) GENERAL INFORMATION:
      7
             (i) APPLICANT: De Robertis, Edward M.
      8
                            Bouwmeester, Tewis
           (ii) TITLE OF INVENTION: Endoderm, Cardiac and Neural Inducing
     10
     11
                                      Factors
     13
           (iii) NUMBER OF SEQUENCES: 10
     15
            (iv) CORRESPONDENCE ADDRESS:
                  (A) ADDRESSEE: Majestic, Parsons, Siebert & Hsue
     16
     17
                  (B) STREET: Four Embarcadero Center, Suite 1100
                (C) CITY: San Francisco
     18
     19
                  (D) STATE: California
     20
                  (E) COUNTRY: U.S.A.
     21
                  (F) ZIP: 94111-4106
             (v) COMPUTER READABLE FORM:
     23
     24
                  (A) MEDIUM TYPE: Floppy disk
                  (B) COMPUTER: IBM PC compatible
     25
                  (C) OPERATING SYSTEM: PC-DOS/MS-DOS
     26
                  (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
     27
     29
            (vi) CURRENT APPLICATION DATA:
                  (A) APPLICATION NUMBER: US/09/903,171
C-->30
C--> 31
                  (B) FILING DATE: 11-Jul-2001
     32
                  (C) CLASSIFICATION:
           (vii) PRIOR APPLICATION DATA:
     34
     35
                  (A) APPLICATION NUMBER: US 60/020,150
     36
                  (B) FILING DATE: 20-JUN-1996
     38
          (viii) ATTORNEY/AGENT INFORMATION:
     39
                  (A) NAME: Siebert, J. Suzanne
     40
                  (B) REGISTRATION NUMBER: 28,758
     41
                 (C) REFERENCE/DOCKET NUMBER: 3100.002US1
     43
            (ix) TELECOMMUNICATION INFORMATION:
     44
                  (A) TELEPHONE: 415/248-5500
     45
                  (B) TELEFAX: 415/362-5418
ERRORED SEQUENCES
     330 (2) INFORMATION FOR SEQ ID NO: 5:
              (i) SEQUENCE CHARACTERISTICS:
     332
                   (A) LENGTH: (979) amino acids
     333
     334
                   (B) TYPE: amino acid
                   (D) TOPOLOGY: linear
     335
     337
             (ii) MOLECULE TYPE: peptide
             (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
     341 Met Leu Leu Phe Arg Ala Ile Pro Met Leu Leu Gly Leu Met
     342 1
                         5
                                              10
     344 Val Leu Gln Thr Asp Cys Glu Ile Ala Gln Tyr Tyr Ile Asp Glu Glu
```

RAW SEQUENCE LISTING

RAW SEQUENCE LISTING DATE: 07/25/2001 PATENT APPLICATION: US/09/903,171 TIME: 15:57:37

Input Set : A:\seqlist.txt
Output Set: N:\CRF3\07252001\I903171.raw

| 345 | | | | 20 | | | | | 25 | | | | | 30 | | |
|-----|-------|-------|-------|-------|----------|-------|-------|--------|-------|-------|------|-------|-------|------------|------|--------|
| | Glu | Dro | Dro | | Thr | Ual | Tlo | ΔΙα | | Len | Sor | Gln | Hic | | Ile | Dho |
| 348 | GIU | 110 | 35 | Оту | 1111 | Val | 116 | 40 | vai | шец | SCI | 0111 | 45 | Jer | | 1116 |
| | Δen | Thr | | Asn | Tle | Pro | Δla | | Asn | Phe | Δra | I.e.i | _ | Lvs | Gln | Phe |
| 351 | AJII | 50 | 1111 | пор | 110 | 110 | 55 | 1 111 | 11011 | 1110 | my | 60 | 1100 | 1 3 | 0111 | 1110 |
| | Δen | | Sar | T.011 | Tlo | Glv | - | Δra | Glu | Ser | Asn | | Gln | T.e.11 | Ser | Tle |
| 354 | | ASII | Der | пеа | 116 | 70 | val | ALY | Giu | per | 75 | ОТУ | 0111 | пси | DCI | 80 |
| | | Glu | Ara | Tlo | Acn | | Glu | Gln | Tla | Cve | | Gln | Ser | T.611 | His | |
| 357 | MCC | 01.4 | nry | 110 | 85 | n g | OLU | 0.1.11 | 110 | 90 | 1119 | 0111 | 501 | пси | 95 | Cys |
| | Δen | T.011 | Δla | T.011 | | Val | Val | Ser | Pho | | T.vs | Glv | His | Phe | Lys | I.e.ii |
| 360 | ASII | пси | лта | 100 | лэр | Val | val | Jer | 105 | SCI | пуз | Сту | 1110 | 110 | цуз | пси |
| | Lan | Aen | U = 1 | | I c V | Glu | Wal | Δrα | | Tla | Aen | Aen | His | | Pro | Hic |
| 363 | neu | USII | 115 | шуз | vaı | GIU | Val | 120 | изр | 116 | ASII | изъ | 125 | 561 | 110 | 1113 |
| | Dho | Dro | | Glu | Tla | Mot | Hie | | Glu | V = 1 | Ser | Glu | | Sar | Ser | Val |
| 366 | rne | 130 | Ser | Gru | 116 | Mec | 135 | vaı | GIU | vaı | SET | 140 | Der | 261 | 261 | Val |
| | C1 11 | | 7 ~~ | т1 о | Dro | Lou | | Tlo | Nlα | T 1 0 | Λen | | Aen | Va l | Gly | Sor |
| | 145 | 1111 | лгу | TTE | 110 | 150 | GIU | 116 | пια | 116 | 155 | GIU | лэр | vai | ОТУ | 160 |
| | | Sor | т1. | Cln | , Acn | | Gln | Tla | Sar | 7) cn | | Sar | Hic | Dha | Ser | |
| 372 | HOII | Ser | 116 | GIII | 165 | rne | GIII | 116 | 261 | 170 | NSII | Ser | 1112 | LIIC | 175 | 116 |
| | 7 00 | 17-1 | T 011 | Thr | | ۸la | 7 cn | C1 17 | Wa 1 | | Тиг | λla | 7 cn | Lou | Val | Tou |
| 375 | Asp | vai | ьеu | 180 | Arg | ніа | Asp | дту | 185 | гуз | ıyı | Ala | vish | 190 | vaı | цеu |
| | Mo+ | 7) ra | Clu | | Acn | Λrα | Glu | Tlo | | Dro | Thr | Тиг | Tlo | | Glu | Len |
| 378 | Met | Arg | 195 | neu | Азр | Arg | GIU | 200 | GIII | FIO | 1111 | тут | 205 | 1100 | Gru | neu |
| | T 011 | 7/1 ~ | | 7 cm | C1 17 | Clu | Val | | Sor | Lou | Sor | Clu | | ΛΊο | Val | V = 1 |
| 381 | neu | 210 | Mec | АЗР | СТУ | СТУ | 215 | 110 | 261 | пец | 261 | 220 | 1111 | пта | vai | VUL |
| | λen. | | 1 ra | t/al | T OII | Nen | | Aen | Aen | Aen | Sar | | V = 1 | Pho | Glu | Δra |
| | 225 | 116 | Arg | vai | Бец | 230 | rne | ASII | лэр | ASII | 235 | 110 | vaı | THE | GIU | 240 |
| | | ጥh ∽ | Tlo | בו מ | Ual | | Len | U = 1 | Glu | Acn | | Pro | T.011 | Glv | Tyr | |
| 387 | 261 | 1111 | 116 | M± a | 245 | лэр | пец | vaı | Gru | 250 | пта | 110 | пец | Gry | 255 | шец |
| | T.011 | Lan | Glu | Len | | Δla | Thr | Aen | Zen | | Glu | Glv | Val | Δsn | Gly | Glu |
| 390 | neu | ьец | GIU | 260 | 1112 | та | 1111 | тэр | 265 | изр | Giu | СТУ | vaı | 270 | СТУ | Giu |
| | Tle | .Wal | Tur | | Phe | Ser | Thr | Len | | Ser | Gln | Glu | Val | | Gln | Len |
| 393 | 110 | vui | 275 | OLY | 1110 | DCI | 1111 | 280 | 111.4 | DCI | 0111 | Olu | 285 | 1119 | 0111 | Lou |
| | Phe | Lvs | | Asn | Ser | Ara | Thr | | Ser | Val | Thr | I.eu | | Glv | Gln | Val |
| 396 | 1110 | 290 | 140 | 11011 | JUL | 111 9 | 295 | O ± y | 501 | V 4 1 | | 300 | 014 | 011 | 04 | · u _ |
| | Asp | | Glu | Thr | Lvs | Gln | | Tvŕ | Glu | Phe | Glu | | Gln | Ala | Gln | Asp |
| | 305 | 2110 | 00 | | 270 | 310 | | - 1 - | | | 315 | | | | | 320 |
| | | Glv | Pro | Asn | Pro | | Thr | Ala | Thr | Cvs | | Val | Thr | Val | His | |
| 402 | | 017 | | | 325 | | | | **** | 330 | 2,2 | | | | 335 | |
| | Leu | Asp | Val | Asn | | Asn | Thr | Pro | Ala | | Thr | Ile | Thr | Pro | Leu | Thr |
| 405 | | | | 340 | 1101 | | | | 345 | | | | | 350 | | |
| | Thr | Val | Asn | | Glv | Val | Ala | Tvr | | Pro | Ġlu | Thr | Ala | | Lys | Glu |
| 408 | | | 355 | | <u>1</u> | | | 360 | | | | | 365 | | 1 -3 | ·· |
| | Asn | Phe | | Ala | Len | Tle | Ser | | Thr | Asp | Ara | Ala | | Glv | Ser | Asn |
| 411 | | 370 | | | | | 375 | | | P | 9 | 380 | | 1 | | |
| | Glv | | Val | Ara | Cvs | Thr | | Tvr | Glv | His | Glu | | Phe | Lvs | Leu | Gln |
| | 385 | | | 7 | - 1 - | 390 | | - , - | 1 | | 395 | | | -1- | | 400 |
| | | Ala | Tvr | G] u | Asp | | Tvr | Met | Ile | Val | | Thr | Ser | Thr | Leu | |
| 417 | | | - 1 - | | 405 | | - 1 - | | | 410 | | | - " | | 415 | r |
| | | | | | | | | | | | | | | | | |

RAW SEQUENCE LISTING DATE: 07/25/2001 PATENT APPLICATION: US/09/903,171 TIME: 15:57:37

Input Set : A:\seqlist.txt

Output Set: N:\CRF3\07252001\I903171.raw

```
419 Arg Glu Asn Ile Ala Ala Tyr Ser Leu Thr Val Val Ala Glu Asp Leu
                                       425
     422 Gly Phe Pro Ser Leu Lys Thr Lys Lys Tyr Tyr Thr Val Lys Val Ser
         435
                             440
     425 Asp Glu Asn Asp Asn Ala Pro Val Phe Ser Lys Pro Gln Tyr Glu Ala
     426 450
                               455
     428 Ser Ile Leu Glu Asn Asn Ala Pro Gly Ser Tyr Ile Thr Thr Val Ile
                           470
                                               475
     431 Ala Arg Asp Ser Asp Ser Asp Gln Asn Gly Lys Val Asn Tyr Arg Leu
                                           490
                        485
     434 Val Asp Ala Lys Val Met Gly Gln Ser Leu Thr Thr Phe Val Ser Leu
                                       505
     437 Asp Ala Asp Ser Gly Val Leu Arg Ala Val Arg Ser Leu Asp Tyr Glu
     438 515
                                   520
     440 Lys Leu Lys Gln Leu Asp Phe Glu Ile Glu Ala Ala Asp Asn Gly Ile
                               535
     443 Pro Gln Leu Ser Thr Arg Val Gln Leu Asn Leu Arg Ile Val Asp Gln
                        550
                                              555
    446 Asn Asp Asn Cys Pro Val Ile Thr Asn Pro Leu Leu Asn Asn Gly Ser
         565
                                           570
     449 Gly Glu Val Leu Leu Pro Ile Ser Ala Pro Gln Asn Tyr Leu Val Phe
                                       585
     452 Gln Leu Lys Ala Glu Asp Ser Asp Glu Gly His Asn Ser Gln Leu Phe
                                    600
                595
    455 Tyr Thr Ile Leu Arg Asp Pro Ser Arg Leu Phe Ala Ile Asn Lys Glu
                                615
     458 Ser Gly Glu Val Phe Leu Lys Lys Gln Leu Asn Ser Asp His Ser Glu
                           630
                                               635
    461 Asp Leu Ser Ile Val Val Ala Val Tyr Asp Leu Gly Arg Pro Ser Leu
                                           650
                       645
    464 Val Ala Asn Arg Met His Ala Glu Tyr Glu Arg Asp Leu Val Asn Arg
         930 660 935 665 940 670
467 Ser Ala Thr Leu Ser Pro Gln Arg Ser Ser Ser Arg Tyr Gln Glu Phe
E--> 468 945 675 956 685 966
    470 Asn Tyr Ser Pro Gln Ile Ser Arg Gln Leu His Pro Ser Glu Ile Ala
                                                  700 `
E--> 471 -
            690 965 695
                                         <del>-970--</del>
E--> 473 Thr Thr Phe 705
    780 (2) INFORMATION FOR SEQ ID NO: 9:
         (i) SEQUENCE CHARACTERISTICS:
    783
                  (A) LENGTH: 325 amino acids
            (B) TYPE: amino acid
    784
    785
                 (D) TOPOLOGY: linear
            (ii) MOLECULE TYPE: peptide
            (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
    791 Met Val Cys Gly Ser Pro Gly Gly Met Leu Leu Leu Arg Ala Gly Leu
                                       <del>10</del> 10
E--> 792 1
    794 Leu Ala Leu Ala Leu Cys Leu Leu Arg Val Pro Gly Ala Arg Ala
                                       25.
    797 Ala Ala Cys Glu Pro Val Arg Ile Pro Leu Cys Lys Ser Leu Pro Trp
```

musalgied anno oud ros. see Hen 3 on Evor Summary Heet RAW SEQUENCE LISTING DATE: 07/25/2001 PATENT APPLICATION: US/09/903,171 TIME: 15:57:37

Input Set : A:\seqlist.txt
Output Set: N:\CRF3\07252001\I903171.raw

| | | • | | | | | | | | | | | • | | | |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 798 | | | 35 | | | | | 40 | | | | | 45 | | | |
| 800 | Asn | Met | Thr | Lys | Met | Pro | Asn | His | Leu | His | His | Ser | Thr | Gln | Ala | Asn |
| 801 | | 50 | | | | | 55 | | | | | 60 | | | | |
| 803 | Ala | Ile | Leu | Ala | Ile | Glu | Gln | Phe | Glu | Gly | Leu | Leu | Gly | Thr | His | Cys |
| 804 | 65 | | | | | 70 | | | | | 75 | | | | | 80 |
| 806 | Ser | Pro | Asp | Leu | Leu | Phe | Phe | Leu | Cys | Ala | Met | Tyr | Ala | Pro | Ile | Cys |
| 807 | | | | | 85 | | | | | 90 | | | | • | 95 | |
| 809 | Thr | Ile | Asp | Phe | Gln | His | Glu | Pro | Ile | Lys | Pro | Cys | Lys | Ser | Val | Cys |
| 810 | | | | 100 | | | | | 105 | | | | | 110 | | |
| 812 | Glu | Arg | Ala | Arg | Gln | Gly | Cys | Glu | Pro | Ile | Leu | Ile | Lys | Tyr | Arg | His |
| -813 | | | 115 | | | | | 120 | | | | | 125 | | | |
| 815 | Ser | Trp | Pro | Glu | Asn | Leu | Ala | Cys | Glu | Glu | Leu | Pro | Val | Tyr | Asp | Arg |
| 816 | | 130 | | | | | 135 | | | | | 140 | | | | |
| 818 | Gly | Val | Cys | Ile | Ser | Pro | Glu | Ala | Ile | Val | Thr | Ala | Asp | Gly | Ala | Asp |
| 819 | 145 | | | | | 150 | | | | | 155 | | | | | 160 |
| 821 | Phe | Pro | Met | Asp | Ser | Ser | Asn | Gly | Asn | Cys | Arg | Gly | Ala | Ser | Ser | Glu |
| 822 | | | | | 165 | | | | | 170 | | | | | 175 | |
| 824 | Arg | Cys | Lys | Cys | Lys | Pro | Ile | Arg | Ala | Thr | Gln | Lys | Thr | Tyr | Phe | Arg |
| 825 | | | | 180 | | | | | 185 | | | | | 190 | | |
| 827 | Asn | Asn | Tyr | Asn | Tyr | Val | Ile | Arg | Ala | Lys | Val | Lys | Glu | Ile | Lys | Thr |
| 828 | | | 195 | | | | | 200 | | | | | 205 | | | |
| 830 | Lys | Cys | His | Asp | Val | Thr | Ala | Val | Val | Glu | Val | Lys | Glu | Ile | Leu | Lys |
| 831 | | 210 | | | | | 215 | | | | | 220 | | | | |
| 833 | Ser | Ser | Leu | Val | Asn | Ile | Pro | Arg | Asp | Thr | Val | Asn | Leu | Tyr | Thr | Ser |
| 834 | 225 | | | | | 230 | | | | | 235 | | | | | 240 |
| 836 | Ser | Gly | Cys | Leu | Cys | Pro | Pro | Leu | Asn | Val | Asn | Glu | Glu | Tyr | Ile | Ile |
| 837 | | | | | 245 | | | | | 250 | | | | * | 255 | |
| 839 | Met | Gly | Tyr | Glu | Asp | Glu | Glu | Arg | Ser | Arg | Leu | Leu | Leu | Val | Glu | Gly |
| 840 | | | | 260 | | | | | 265 | | | | | 270 | | |
| 842 | Ser | Ile | Ala | Glu | Lys | Trp | Lys | Asp | Arg | Leu | Gly | Lys | Lys | Val | Lys | Arg |
| 843 | | | 275 | | | | | 280 | | | | | 285 | | | |
| 845 | Trp | Asp | Met | Lys | Leu | Arg | His | Leu | Gly | Leu | Ser | Lys | Ser | Asp | Ser | Ser |
| 846 | | 290 | | | | | 295 | | | | | 300 | | | | |
| 848 | Asn | Ser | Asp | Ser | Thr | Gln | Ser | Gln | Lys | Ser | | Arg | Asn | Ser | Asn | |
| | 305 | | | | | 310 | | | | • | 315 | | | | | 320 |
| | Arg | Gln | Ala | Arg | | | | | | | | | | | | |
| 852 | | | | | 325 | | | | | | | | | | | |
| | • | | | | | | | | | | | | | | | |

VERIFICATION SUMMARY

DATE: 07/25/2001

PATENT APPLICATION: US/09/903,171

TIME: 15:57:38

Input Set : A:\seqlist.txt

Output Set: N:\CRF3\07252001\I903171.raw

L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]

L:465 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:5

M:332 Repeated in SeqNo=5

L:473 M:203 E: No. of Seq. differs, LENGTH:Input:979 Found:707 SEQ:5

L:792 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:9